

28 Rec'd PCT/PTO 13 NOV 1998

SHEET 1 OF 5

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. VANMA83.001APC	APPLICATION NO. 09/077,173
	APPLICANT Communi et al.	
	FILING DATE May 21, 1998	GROUP Unknown 1644

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 95/10538	04/20/95	PCT				
	WO 96/38558	12/05/96	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	A	Barnard, et al., "G protein-coupled receptors for ATP and other nucleotides: a new receptor family", TIPS 15:67-70 (1994)
	B	Boarder, et al., "G protein-coupled P ₂ purinoceptors: from molecular biology to functional responses", TIPS 16:133-139 (1995)
	C	Boyer, et al., "Differential effects of P ₂ -purinoceptor antagonists on phospholipase C- and adenylyl cyclase-coupled P _{2Y} -purinoceptors", Br. J. Pharmacol. 113:614-620 (1994)
	D	Brake, et al., "New structural motif for ligand-gated ion channels defined by an ionotropic ATP receptor", Nature 371:519-523 (1994)
	E	Brown, et al., "Evidence that UTP and ATP Regulate Phospholipase C through a Common Extracellular 5'-Nucleotide Receptor in Human Airway Epithelial Cells", Molecular Pharmacology 40:648-655 (1991)
	F	Communi, et al., "Cloning and Functional Expression of a Human Uridine Nucleotide Receptor", J. Biol. Chem. 270(52):30849-30852 (1995)

EXAMINER	DATE CONSIDERED 4-7-00
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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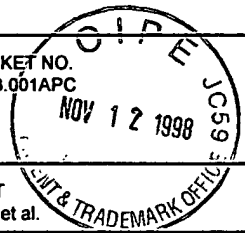
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
	G	Communi, et al., "Coexpression of P _{2Y} and P _{2U} Receptors on Aortic Endothelial Cells", <i>Circulation Research</i> 76(2):191-198 (1995)	
	H	Devereus, et al., "A comprehensive set of sequence analysis programs for the VAX", <i>Nucleic Acids Research</i> 12(1):387-395 (1984)	
	I	Erb, et al., "Functional expression and photoaffinity labeling of a cloned P _{2U} purinergic receptor", <i>Proc. Natl. Acad. Sci. USA</i> 90:10449-10453 (1993)	
	J	Erb, et al., "Site-directed Mutagenesis of P _{2U} Purinoceptors", <i>J. Biol. Chem.</i> 270(9):4185-4188 (1995)	
	K	Filtz, et al., "Expression of a Cloned P _{2Y} Purinergic Receptor that Couples to Phospholipase C", <i>Molecular Pharmacology</i> 46:8-14 (1994)	
	L	Fredholm, et al., "VI. Nomenclature and Classification of Purinoceptors", <i>Pharmacological Reviews</i> 46(2):143-156	

EXAMINER	DATE CONSIDERED 4-3-00
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





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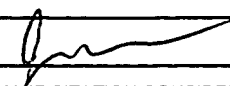
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	M	Harrison, et al., "cDNA cloning of a G-protein-coupled receptor expressed in rat spinal cord and brain related to chemokine receptors", <i>Neuroscience Letters</i> 169:85-89 (1994)	
	N	Henderson, et al., "Cloning and Characterization of a Bovine P _{2Y} Receptor", <i>Biochem. and Biophys. Research Comm.</i> 212(2):648-656 (1995)	
	O	Kaplan, et al., "Identification of a G Protein Coupled Receptor Induced in Activated T Cells", <i>J. Immun.</i> 151(2):628-636 (1993)	
	P	Lazarowski, et al., "Identification of a Uridine Nucleotide-selective G-protein-linked Receptor That Activates Phospholipase C", <i>J. Biol. Chem.</i> 269(16):11830-11836 (1994)	
	Q	Libert, et al., "Selective Amplification and Cloning of Four New Members of the G Protein-Coupled Receptor Family", <i>Science</i> 244:569-572 (1989)	
	R	Lustig, et al., "Expression cloning of an ATP receptor from mouse neuroblastoma cells", <i>Proc. Natl. Acad. Sci. USA</i> 90:5113-5117 (1993)	

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S	Motte, et al., "Evidence that most High-affinity ATP binding sites on aortic endothelial cells and membranes do not correspond to P ₂ receptors", Eur. J. Pharm. 307:201-209 (1996)	
	Nomura, et al., "Molecular cloning of cDNAs encoding a LD78 receptor and putative leukocyte chemotactic peptide receptors", International Immun. 5(10):1239-1249 (1993)	
U	O'Connor, et al., "Further subclassification of ATP receptors based on agonist studies", TIPS 12:137-141 (1991)	
V	Parr, et al., "Cloning and expression of a human P _{2U} nucleotide receptor, a target for cystic fibrosis pharmacotherapy", Proc. Natl. Acad. Sci. USA 91:3275-3279 (1994)	
W	Rice, et al., "Cloning and Expression of the Alveolar Type II Cell P _{2U} -Purinergic Receptor", Am. J. Respir. Cell Mol. Biol. 12:27-32 (1995)	
X	Seifert, et al., "Involvement of pyrimidinoceptors in the regulation of cell functions by uridine and by uracil nucleotides", TIPS 10:365-369 (1989)	

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Y		Stam, et al., "Molecular cloning and characterization of a novel orphan receptor (P_{2u}) expressed in human pancreas that shows high structural homology to the P_{2u} purinoceptor", <i>FEBS Letters</i> 384:260-264 (1996)
	Z	Tokuyama, et al., "Cloning of Rat and Mouse P_{2u} Purinoceptors", <i>Biochem. and Biophys. Research Comm.</i> 211(1):211-218 (1995)
AA		Valera, et al., "A new class of ligand-gated ion channel defined by P_{2u} receptor for extracellular ATP", <i>Nature</i> 371:516-519 (1994)
	BB	Velu, et al., "Retroviruses Expressing Different Levels of the Normal Epidermal Growth Factor Receptor: Biological Properties and New Bioassay", <i>J. Cell. Biochem.</i> 39:153-166 (1989)
CC		Webb, et al., "Cloning and functional expression of a brain G-protein-coupled ATP receptor", <i>FEBS Letters</i> 324(2):219-225 (1993)
	DD	Zeng, et al., "Molecular characterization of a rat α_{2B} -adrenergic receptor", <i>Proc. Natl. Acad. Sci. USA</i> 87:3102-3106 (1990)

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